

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

TIMBER SALE PROSPECTUS

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NC-730-F ASPEN #1

NC-730-F, Aspen #1: a 115 acre sale of one unit; is located 21 miles west of Fairbanks on the Cache Creek Logging Road. The sale is designated on the ground within Sections 20 and 29, Township 1 North Range 3 West, Fairbanks Meridian, Alaska.

<u>SPECIES & PRODUCT</u>	<u>ESTIMATED NET VOLUME</u>	<u>UNIT PRICE</u>	<u>APPRAISED PRICE</u>	<u>EXPIRATION DATE</u>
Aspen Fuelwood	1909 CCF	\$1.00/CCF	\$1,909.00	May 31, 2014

NC-730-F The planned access to the proposed sale is by existing primary and secondary all season forest road. The tract is accessed from Fairbanks by driving east on the Parks Highway to the Sheep Creek Extension. Turn northeast on the Sheep Creek Extension then Northwest on Sheep Creek. Drive on Sheep Creek for approximately 5 miles and turn on Murphy Dome Road heading west. Follow Murphy Dome Road for approximately 8.5 miles to the intersection of Cache Creek. Turn Southwest on Cache Creek Road and drive to Milepost 10 where a 4 way intersection is located. Go straight through the intersection and drive for approximately 1 mile. The sale is located on the north side of the road. The site is on a south facing slope above Fortune Creel. Aspen occupies approximately 70% of the site and is at its maximum commercial value. The PURCHASER will remove all aspen trees 6 inches and greater. Bonding for the sale is **\$250.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.

Because of the low commercial value of aspen, this sale was not cruised. The volume estimate came from an adjacent sale (NC-1527) that was in the same stand. The table below is from that cruise summary.

NC-1527 Percent Defect = 15 % Standard Error of Cruise = 15.71% Aspen Fuelwood BAF = 20				
Average DBH in inches of these trees = 13.44				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	0.00	0.0	0.00	0.00
7	966.68	3.70	35.63	4.72
8	740.11	5.73	42.21	5.59
9	0.00	0.00	0.00	0.00
10	1420.02	11.02	155.93	20.65
11	1174.40	13.24	154.74	20.49
12	657.88	14.33	93.82	12.42
13	1121.12	19.32	215.58	28.55
14	0.00	0.00	0.00	0.00
15	210.52	27.30	57.21	7.58
Totals	6290.73	9.46	755.12	100

Tables indicates gross volume (not net volume).

NC-1251-F BOUNDARY SPRUCE

NC-1251-F, BOUNDARY SPRUCE: is located 60 miles southeast of Fairbanks. Just north of Milepost 295 a winter road exists on the north side of the Richardson highway near Banner Creek. Access to this unit is by using 2.1 miles of existing Banner Creek winter road and constructing an additional 1.8 miles of winter road near Buckeye Creek. Road Widening, Erosion Control and providing an easement survey to the Division of Forestry is required for this sale. The proposed sale area is located within the Section 12 and 13 of Township 7 South, Range 7 East, and Section 18 of Township 7 South, Range 8 E, Fairbanks Meridian.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1336 CCF	\$9.76/CCF	\$13,039.36	May 31, 2014

Short Log Volume in MBF = 547.76

NC-1251-F is a productive upland mixed spruce/birch/aspen stand. The trees are generally in good shape, but the oldest and largest spruce trees are starting to be affected by spruce budworm. The unit is located on a south facing slope. The PURCHASER will remove all white spruce trees 9 inches and greater. Bonding for the sale is **\$1350.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$2400.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1251		Percent Defect = 10 %		Standard Error of Cruise = 3.96%		Spruce Sawlogs		BAF = 20		
Average DBH in inches of these trees		= 11.26								
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume						
9	3,067.33	5.89	190.46	12.83						
10	2,016.43	8.58	182.48	12.29						
11	1,725.99	11.69	212.85	14.34						
12	1,225.26	15.3	197.74	13.32						
13	596.58	18.7	117.67	7.93						
14	587.88	22.8	141.38	9.52						
15	528.11	27.4	152.64	10.28						
16	365.7	31.34	120.86	8.14						
17	199.35	35.28	74.18	5						
18	77.79	43.92	36.04	2.43						
19	29.92	47.42	14.97	1.01						
20	45.01	50.76	24.09	1.62						
21	8.17	54.58	4.7	0.32						
22	14.88	66.53	10.44	0.7						
23	0	0	0	0						
24	6.25	58.61	3.86	0.26						
Totals		10495	13.41	1484.36	100					
ave vol/tree										

Table indicates gross volume (not net volume).

NC-1333-F CANYON EAST MIXED #3

NC-1333-F, Canyon East Mixed #3: a 57 acre sale; is located approximately 51 miles southeast of Fairbanks, off the Richardson Highway near mile marker 303. Turn north on an access road to a material site but turn west on the Haines Pipeline road just before the material site. After heading west on the pipeline for .4 miles, turn northeast on a proposed road which gains access to the southern end of the sale. Constructing .5 miles of new winter road and opening .4 miles of existing winter road is required for this sale. The sale is designated on the ground within: Section 9, Township 7 South Range 6 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	469 CCF	\$16.93/CCF	\$7,940.17	May 31, 2014
Spruce Sawlogs	398 CCF	\$27.56/CCF	<u>\$10,968.88</u>	May 31, 2014
		TOTAL	\$18,909.05	

Short Log Volume in MBF = 163.18

NC-1333-F is located in a south facing drainage to the north of the Richardson Highway. The trees are medium sized and generally in good shape with some evidence of stem rot and budworm. The PURCHASER will remove all birch trees 6 inches and greater and all spruce trees 9 inches and greater. Bonding for the sale is **\$1900.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1333		Percent Defect = 20 %		Standard Error of Cruise = 3.96%		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees = 10.53									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		0		0		0		0	
7		226.79		4.58		9.61		1.64	
8		636.66		7.41		43.63		7.43	
9		685.97		10.36		65.79		11.2	
10		777.89		12.39		89.17		15.18	
11		489.81		14.91		67.57		11.5	
12		437.3		20.03		81.07		13.8	
13		394.53		25.79		94.14		16.03	
14		188.99		29		50.72		8.63	
15		98.78		33.32		30.45		5.18	
16		72.35		40.34		27.01		4.6	
17		12.82		42.07		4.99		0.85	
18		45.73		42.37		17.93		3.05	
19		0		0		0		0	
20		9.26		62.28		5.34		0.91	
Totals		4077		15.57		587.42		100	
ave vol/tree									

NC-1333 Percent Defect = 10 % Standard Error of Cruise = 9.26%			Spruce Sawlogs		BAF = 20
Average DBH in inches of these trees = 12.34					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
9	228.66	12.85	33.92	4.36	
10	444.51	15.97	81.98	10.55	
11	367.36	21.12	89.6	11.53	
12	308.69	25.8	91.96	11.83	
13	241.1	32.04	89.21	11.48	
14	151.19	40.67	71	9.14	
15	115.24	48.03	63.92	8.22	
16	115.76	58.97	78.84	10.14	
17	76.9	64.06	56.9	7.32	
18	34.3	70.97	28.11	3.62	
19	51.31	72.57	42.99	5.53	
20	18.52	94.64	20.24	2.6	
21	16.8	100.61	19.52	2.51	
22	0	0	0	0	
23	7	112.14	9.07	1.17	
Totals	2177	30.91	777.26	100	
ave vol/tree					

Table indicates gross volume (not net volume).

NC-1338-F RIDGETOP BIRCH

NC-1338-F, Ridgetop Birch: a 77 acre sale of one unit; is located approximately 32 miles southwest of Fairbanks. The tract is accessed from Fairbanks by driving south on the Parks Highway to milepost 328. Turn south on Nenana Ridge road and drive to mile post 8.8 then travel 3.1 miles on Upper Ruffed Grouse road to the start of the proposed access road. Constructing .75 miles of new all season secondary road is required for this sale. The sale is designated on the ground within: section 20, Township 3 South Range 6 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	993 CCF	\$15.67/CCF	\$15,560.31	May 31, 2014
Aspen Fuelwood	531 CCF	\$1.00/CCF	<u>\$531.00</u>	May 31, 2014
		TOTAL	\$16,091.31	

NC-1338-F The site is on a northwest facing slope to the south of the Parks Highway. The timber about 85 years old and is in relatively good condition but starting to show some signs of decay. The PURCHASER will remove all birch and aspen trees 6 inches and greater. Bonding for the sale is **\$1650.00**, or 10% of the final bid price whichever is greater, to be returned upon completion of the sale to the satisfaction of the Forester-in-Charge plus a project bond of **\$500.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1338		Percent Defect = 15 %		Standard Error of Cruise = 9.8%		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees		= 8.33							
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		1,585.81		3.2		47.37		4.06	
7		3,301.08		5.74		176.95		15.15	
8		2,676.06		7.86		196.26		16.8	
9		3,289.09		10.44		320.53		27.44	
10		1,427.23		14.18		188.83		16.17	
11		707.72		17		112.3		9.62	
12		330.38		20.3		62.57		5.36	
13		168.9		22.46		35.4		3.03	
14		97.09		30.56		27.69		2.37	
Totals		13583		9.21		1167.90		100	

ave vol/tree

NC-1338 Percent Defect = 15% Standard Error of Cruise = 19.16% Aspen Fuelwood BAF = 20 Average DBH in inches of these trees = 10.08				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	0	0	0	0
7	161.82	5.45	12.59	2.02
8	371.67	8.61	45.67	7.31
9	685.23	12.11	118.37	18.96
10	237.87	16.6	56.35	9.02
11	655.29	20.04	187.36	30.01
12	110.13	25.95	40.77	6.53
13	187.67	28.77	77.03	12.34
14	80.91	40	46.18	7.4
15	70.48	39.88	40.1	6.42
Totals	2561	17.09	624.42	100

ave vol/tree

Table indicates gross volume (not net volume).

NC-1340-F WIN LAKE

NC-1340-F Win Lake: a 102 acre sale of five units; is located approximately 43 miles southwest of Fairbanks and roughly 6 miles east of Nenana. The tract is accessed from Fairbanks by driving south on the Parks Highway to milepost 328. Turn south on Nenana Ridge road and drive to mile post 10.9 then travel 10.8 miles on the winter road to the start of the proposed winter road. Constructing 1.1 miles of new secondary winter road is required for this sale. The sale is designated on the ground within: sections 11 and 14 Township 4 South Range 7 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1775 CCF	\$19.95/CCF	\$35,411.25	May 31, 2014

Short Log Volume in MBF = 727.75

NC-1340-F The site is generally flat and within the floodplain of the Tanana River. The stand is mostly spruce with some small pockets of birch. spruce occupies approximately 90% of the site This sale encompasses the leave strips of timber sale NC-704. The timber in the leave strips is starting to decline in quality. There is heavy evidence of ips and budworm in the stand. The PURCHASER will remove all spruce 9 inches and greater. Bonding for the sale is **\$3550**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$1350.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1340 Percent Defect = 20 % Standard Error of Cruise = 3.37% Spruce Sawlogs BAF = 20				
Average DBH in inches of these trees = 11.76				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	2,556.02	6.69	124.45	5.61
10	4,377.36	9.5	302.46	13.63
11	3,324.33	12.43	300.52	13.55
12	2,629.05	15.99	305.79	13.79
13	2,275.14	20.06	331.84	14.96
14	1,690.10	23.48	288.64	13.01
15	1,183.07	28.34	243.81	10.99
16	485.24	33.16	117.02	5.28
17	347.96	35.56	89.99	4.06
18	237.34	42.07	72.62	3.27
19	49.16	50.84	18.18	0.82
20	29.58	51.04	10.98	0.49
21	0	0	0	0
22	12.22	63.13	5.61	0.25
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	8.11	108.41	6.4	0.29
Totals	19205	15.88	2218.31	100
ave vol/tree				

Table indicates gross volume (not net volume).

NC-1401-F Skinnys End #2

NC-1401-F, Skinnys End #2: a 90 acre sale of one unit; is located approximately 30 miles southwest of Fairbanks. The tract is accessed from Fairbanks by driving south on the Parks Highway to milepost 327. Turn south on the Skinny Dicks Logging road and drive to mile post 6 where the beginning of the proposed spur road is located. This sale requires the construction of 0.1 miles of all season spur road. The sale is designated on the ground within: sections 17 and 18 Township 2 South Range 5 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1155 CCF	\$27.06/CCF	\$31,254.30	May 31, 2014
Spruce Fuelwood	256 CCF	\$2.82/CCF	<u>\$721.92</u>	May 31, 2014
		Total	\$31,976.22	

Short Log Volume in MBF = 437.55

NC-1401-F The sale is on a north facing slope. The terrain is uneven, steep in sections and has multiple hog-backs within it. The stand is comprised of relatively mature spruce trees with an average age of 120 years. The spruce component is exhibiting some signs of budworm infestation. The PURCHASER will remove all spruce trees 6 inches and greater. Bonding for the sale is **\$3200.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge plus a project bond of **\$250.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1401 Percent Defect = 15 % Standard Error of Cruise = 6.01%			Spruce Sawlogs and Fuelwood		BAF = 20	
Average DBH in inches of these trees = 9.71						
DBH		Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
6		2,631.52	4.94	138.22	4.64	
7		1,933.36	6.91	141.93	4.77	
8		2,368.37	9.47	238.18	8	
9		818.69	12.25	106.56	3.58	
10		1,894.69	17.06	343.52	11.54	
11		626.35	21.48	142.97	4.8	
12		1,578.91	26.91	451.36	15.16	
13		784.78	32.69	272.55	9.15	
14		483.34	40.1	205.92	6.92	
15		421.04	46.18	206.59	6.94	
16		481.07	54.46	278.35	9.35	
17		262.24	63.87	177.95	5.98	
18		204.67	70.69	153.72	5.16	
19		26.24	85.98	23.97	0.81	
20		47.37	85.74	43.15	1.45	
21		21.48	115.26	26.31	0.88	
22		19.57	126.43	26.29	0.88	
Totals		14604	19.19	2977.54	100	
ave vol/tree						

Table indicates gross volume (not net volume).

NC-1406-F MOSQUITO SPRUCE #3 RESALE

NC-1406-F, Mosquito Spruce #3 Resale a 67 acre sale of one unit is located 44 miles southeast of Fairbanks. The tract is accessed from Fairbanks by driving south on the Richardson Highway to milepost 314. Turn east on the Mosquito Creek Logging road and drive beyond mile post 5 through the terminated timber sale NC-852 to where the beginning of the proposed winter road is located. Constructing 1.1 miles of new winter road and ½ mile of new all season spur road is required for this sale. This sale also requires the purchase and installation of 2 40 foot culvert pipes. The sale is designated on the ground within: sections 21, 22, 27 and 28 Township 6 South Range 5 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1095 CCF	\$19.84/CCF	\$21,724.80	May 31, 2014

Short Log Volume in MBF = 448.95

NC-1406-F is a south facing upland spruce timber type. The unit is comprised of large mature spruce that is starting to show signs of budworm infestation. The terrain is uneven with hogbacks and slopes angle ranges from 15 to 45%. The PURCHASER will remove all white spruce trees 9 inches and greater. Bonding for the sale is **\$2,200.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge plus a project bond of **\$850.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1406 (NC-959)		Percent Defect = 15 % Standard Error of Cruise = 4.83%		Spruce Sawlogs		BAF = 20			
Average DBH in inches of these trees = 11.72									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
9		1,062.33		11.56		122.34		9.5	
10		938.72		15.63		146.22		11.35	
11		646.5		19.91		128.3		9.96	
12		651.89		24.43		158.7		12.32	
13		694.32		31.76		219.75		17.06	
14		598.67		37.32		222.68		17.29	
15		208.6		43.7		90.86		7.05	
16		61.11		50.62		30.83		2.39	
17		27.07		65.57		17.69		1.37	
18		72.43		65.78		47.48		3.69	
19		43.34		85.98		37.13		2.88	
20		58.67		85.74		50.13		3.89	
21		0		0		0		0	
22		0		0		0		0	
23		0		0		0		0	
24		0		0		0		0	
25		0		0		0		0	
26		11.57		136.39		15.73		1.22	
Totals		5075		25.46		1287.84		100	
								ave vol/tree	

Table indicates gross volume (not net volume).

NC-1411-F STANDARD 24 MILE SADDLE

NC-1411-F, : a 38.5 acre sale of one unit, is located approximately 30 miles west of Fairbanks. The tract is accessed from Fairbanks by driving southwest on the Parks Highway to milepost 343. Turn north on the Old Nenana Highway and drive approximately 2 miles. Turn west on the Standard Creek logging road and drive to milepost 24. Turn southwest on the Dunbar Road and drive to Milepost 1.5. The proposed timber sale is on the east side of the road. This sale requires the purchase and installation of 600 SY of geotextile and two 40' culvert pipes in existing all season primary road. The sale is designated on the ground within sections 27 and 28 Township 1 South Range 6 West, Fairbanks Meridian, Alaska

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	516 CCF	\$15.20/CCF	\$7,843.20	May 31, 2014

Short Log Volume in MBF = 211.56

NC-1411-F is a southwest facing slope. White spruce occupies approximately 90% and birch occupies 10% of the site. The spruce component is old and showing significant signs topkill from successive years of budworm infestation. This stand is a mixed age stand with the largest trees up to 200 years old and the smallest diameter sawtimber 100 years old. The PURCHASER will remove all spruce trees 9 inches and greater. Bonding for the sale is **\$800.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$650.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1411		Percent Defect = 15 %		Standard Error of Cruise = 8.05%		Spruce Sawlogs		BAF = 20	
Average DBH in inches of these trees		= 12.31							
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
9		670.53		6.74		43.66		7.19	
10		426.74		8.83		36.44		6	
11		641.24		11.84		73.41		12.09	
12		431.06		14.81		61.71		10.16	
13		252.51		19.6		47.84		7.88	
14		257.31		24.15		60.07		9.89	
15		224.15		27.55		59.69		9.83	
16		181.85		32.22		56.64		9.33	
17		53.7		35.93		18.65		3.07	
18		95.79		44.34		41.05		6.76	
19		64.48		50.41		31.42		5.17	
20		38.79		53.87		20.2		3.33	
21		17.59		65.45		11.13		1.83	
22		16.03		83.5		12.94		2.13	
23		7.33		79.86		5.66		0.93	
24		20.21		82.64		16.14		2.66	
25		0		0		0		0	
26		5.74		96.26		5.34		0.88	
27		5.32		103.41		5.32		0.88	
Totals		3410		18.42		607.31		100	
ave vol/tree									

NC-1412-F DUNBAR'S END BIRCH

NC-1412-F, Dunbar's End Birch a 110 acre sale of two unit, is located approximately 30 miles west of the Fairbanks on Standard Creek Road The tract is accessed from Fairbanks by driving southwest on the Parks Highway to milepost 343. Turn north on the Old Nenana Highway and drive approximately 2 miles. Turn west on the Standard Creek logging road and drive to milepost 21.5 to gain access to unit 1. To gain access to unit 2, continue on to milepost 24 and turn southwest on the Dunbar Road and drive to Milepost 3. This is where the beginning of the proposed spur road begins. 0.2 miles of new all season spur road construction is required for this sale. Upgrading 2 miles of existing primary all season road is also required for this sale. The sale is designated on the ground within: sections 33 and 34 Township 1 South Range 6 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	967 CCF	\$15.77/CCF	\$15,249.59	May 31, 2014

NC-1412-F The stand is a mixed spruce and birch stand. The unit is located on a south facing slope that is moderately steep with average slope angels of 20%. The spruce component makes up approximately 70% of the site and the birch makes up the remaining 30%. The spruce is starting to show some signs of budworm infestation and topkill. The PURCHASER will remove all spruce trees 9 inches and greater. Bonding for the sale is **\$1400.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$400.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1412		Percent Defect = 15 %		Standard Error of Cruise = 4.6%		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees		= 10.34							
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		555.54		3.14		17.35		1.47	
7		680.26		4.02		27.15		2.3	
8		1,249.97		5.48		68.08		5.77	
9		1,069.93		7.75		82.4		6.99	
10		1,733.29		10		172.21		14.6	
11		1,707.95		13.3		225.69		19.14	
12		1,574.04		15.48		242.01		20.52	
13		907.28		18.09		163		13.82	
14		442.17		20.06		88.12		7.47	
15		177.77		24.29		42.9		3.64	
16		78.12		24.96		19.37		1.64	
17		23.07		34.25		7.85		0.67	
18		41.15		40.17		16.42		1.39	
19		18.47		36.91		6.77		0.57	
Totals		10259		11.57		1179.32		100	

ave vol/tree

Table indicates gross volume (not net volume).

NC-1432-F OH MY BIRCH #2

NC-1432-F, Oh my birch #2: a 59.9 acre sale of one unit, is located 22 miles southwest of Fairbanks. To access this unit travel to mileposts 338 on the Parks Highway and turn south on the Bonanza Creek Road. After driving approximately 4.5 miles south on the Bonanza Creek Road turn southwest on an unnamed logging road and travel for approximately 3 miles to the active timber sale NC-1285. From here an additional 1000 feet of new secondary road will need to be constructed in a southwesterly direction to access the unit. The sale is designated on the ground within: sections 5 and 6 of Township 3 South, Range 4 West, Fairbanks Meridian Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	952 CCF	\$19.19/CCF	\$18,268.88	May 31, 2014

NC-1432-F The unit is a birch stand on a west-facing slope above Bonanza Creek. The birch trees are in good shape but some defect can be found with stem rot and snow loaded stems. The PURCHASER will remove all birch trees 6 inches diameter and greater. Bonding for the sale is **\$1,850**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1432		Percent Defect = 15 %		Standard Error of Cruise = 5.5%		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees		= 8.32							
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		1,555.15		3.56		59.01		5.27	
7		1,958.67		5.7		118.93		10.62	
8		2,936.73		8.63		270.17		24.12	
9		1,777.31		11.73		222.14		19.83	
10		1,319.65		14.76		207.59		18.53	
11		495.74		18.79		99.26		8.86	
12		138.85		24.03		35.56		3.17	
13		141.97		26.53		40.14		3.58	
14		81.61		33.16		28.84		2.58	
15		88.87		33.92		32.13		2.87	
16		15.62		37.59		6.26		0.56	
Totals		10510		10.00		1120.03		100	
ave vol/tree									

Tables indicates gross volume (not net volume).

NC-1438-F MOSQUITO BIRCH

NC-1438-F, Mosquito Birch: a 16.8 acre sale of one unit, is located 42 miles southeast of Fairbanks. At mileposts 314 on the Richardson Highway turn northwest on the Mosquito Creek Road. After driving approximately 2.5 miles northwest on the Mosquito Creek Road turn north on an unnamed logging road. The sale is located on the northwest side of the road. Upgrading 0.2 miles of secondary road will be required for this sale. The sale is designated on the ground within: Section 29 of Township 6 South, Range 5 East, Fairbanks Meridian Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	238 CCF	\$16.30/CCF	\$3,879.40	May 31, 2014

NC-1438-F The unit is a birch stand on a moderate northwest facing slope. The birch trees are estimated at 90 years and have some evidence of stem rot. Bonding for the sale is **\$400.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1438		Percent Defect = 15 %	Standard Error of Cruise = 5.43%	Birch Fuelwood	BAF = 20
Average DBH in inches of these trees = 11.11					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
6	0	0	0	0	
7	90.22	5.28	5.03	1.8	
8	207.23	6.47	14.16	5.06	
9	218.32	9.38	21.64	7.73	
10	198.94	10.75	22.59	8.07	
11	310.56	13.39	43.94	15.7	
12	291.66	16.68	51.42	18.37	
13	235.44	20.49	50.97	18.21	
14	56.39	23.54	14.03	5.01	
15	117.89	24.54	30.58	10.92	
16	43.17	32.76	14.95	5.34	
17	7.65	30.34	2.45	0.88	
18	6.82	37.96	2.74	0.98	
19	6.12	46.76	3.03	1.08	
20	5.53	40.39	2.36	0.84	
Totals	1796	14.75	279.89	100	

ave vol/tree

Table indicates gross volume (not net volume).

NC-1441-F TWO RIVERS BIRCH

NC-1441-F, Two Rivers Birch: a 38.2 acre sale of one unit, is located 18 mileseast of Fairbanks. At mileposts 18 on the Chena Hotsprings Road turn north on the Two Rivers Road. After driving approximately 4.5 miles north on the Two Rivers Road the sale is located on the east side of the road. The sale is designated on the ground within: Section 13 and 14 of Township 1 North, Range 3 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	619 CCF	\$20.71/CCF	\$12,819.49	May 31, 2014

NC-1441-F The sale is located on a moterate northeast facing slope, east of the Little Chena River. The timber stand and proposed harvest unit consists of a mostly closed canopy birch with some spruce regen. The birch is about 90 years of age and is starting to show signs of stem rot. Bonding for the sale is **\$1300.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.

NC-1441		Percent Defect = 15 %		Standard Error of Cruise = 6.56%		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees		= 8.36							
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		1,156.13		3.49		36.72		5.04	
7		1,853.24		5.81		98.03		13.45	
8		1,655.37		8.39		126.52		17.35	
9		1,775.07		11.11		179.64		24.64	
10		1,059.44		14.46		139.59		19.15	
11		281.43		17.52		44.92		6.16	
12		157.65		22.1		31.74		4.35	
13		111.94		24.09		24.56		3.37	
14		115.83		25.79		27.22		3.73	
15		16.82		30.31		4.64		0.64	
16		14.78		34.14		4.6		0.63	
17		13.09		45.98		5.48		0.75	
18		11.68		51.17		5.44		0.75	
Totals		8222		9.73		729.10		100	
ave vol/tree									

Table indicates gross volume (not net volume).

NC-1505-F LITTLE CHENA #4

NC-1505-F, Little Chena #4 a 16 acre sale is located 20 miles northeast of Fairbanks off the Chena Hot Springs Road. At mileposts 18 on the Chena Hot Springs Road turn north on Two Rivers Road. After driving approximately 4.5 miles north on Two Rivers Road, turn northwest on a secondary all season logging road and drive for 1.5 miles. This road turns into a winter logging road just past a recently harvested timber sale (NC-1253) and comes to a four way intersection. Turn northeast on an unnamed secondary winter logging road and drive approximately 1.5 miles. This is where the beginning of the proposed winter road begins. Approximately 0.6 miles of new winter road will be constructed to access this timber sale. The sale is designated on the ground within: Section 2 of Township 1 North, Range 3 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawtimber	282 CCF	\$15.33/CCF	\$4,323.06	May 31, 2014

NC-1503-F The sale unit is in a valley bottom and is generally flat. the timber stand and proposed harvest unit consists of 140 year old white spruce. The spruce is showing some signs of budworm infestation and topkill. Bonding for the sale is **\$450.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$350.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1505		Percent Defect = 10 %		Standard Error of Cruise = 12.77%		Spruce Sawlogs		BAF = 20	
Average DBH in inches of these trees		= 13.64							
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
9		52.31		7.83		3.88		1.24	
10		84.73		10.74		8.63		2.75	
11		175.07		13.15		21.81		6.96	
12		117.69		15.59		17.38		5.55	
13		275.76		20.27		52.96		16.89	
14		151.31		24.64		35.34		11.27	
15		188.3		29.09		51.91		16.56	
16		82.75		36.91		28.94		9.23	
17		102.62		41.83		40.68		12.98	
18		104.61		45.49		45.1		14.38	
19		0		0		0		0	
20		0		0		0		0	
21		0		0		0		0	
22		0		0		0		0	
23		0		0		0		0	
24		7.36		98.66		6.88		2.19	
Totals		1343		24.64		313.51		100	
ave vol/tree									

Table indicates gross volume (not net volume).

NC-1513-F PRAIRIE CHICKEN BIRCH

NC-1513-F, Prairie Chicken Birch A 43 acre sale is located 31 miles southwest of Fairbanks. The tract is accessed from Fairbanks by driving south on the Parks Highway to milepost 328. Turn south on Nenana Ridge road and drive to mile post 8.8 then travel 2.7 miles on Upper Ruffed Grouse road to the access road to timber sale NC-949. Continue north on this access road for 1.5 miles to the end of the last unit and where the beginning of the proposed access for this timber sale begins. Constructing .5 miles of new all season secondary road is required for this sale. The sale is designated on the ground within: sections 17 and 18, Township 3 South Range 6 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	788 CCF	\$16.27/CCF	\$12,820.76	May 31, 2014

NC-1513-F The sale is on a northeast facing slope. The timber stand and proposed harvest unit consists of 94 year old birch. There is a healthy component of advanced spruce regen. The birch component of the stand is at it's maximum merchantable value. Growth is starting to decline and some stems are exhibiting decay. Birch stems under 5" DBH are of poor quality. Bonding for the sale is **\$1300.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$350.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1513		Percent Defect = 10 %	Standard Error of Cruise = 4.41%	Spruce Sawlogs	BAF = 20
Average DBH in inches of these trees = 8.31					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
6	865.77	3.69	36.52	3.94	
7	2,544.30	5.46	158.84	17.13	
8	1,947.98	7.54	167.71	18.08	
9	1,846.98	10.19	215.09	23.19	
10	1,246.71	13.06	185.99	20.05	
11	515.17	16.53	97.26	10.49	
12	259.73	18.99	56.35	6.08	
13	36.88	23.2	9.78	1.05	
Totals	9264	8.76	927.54	100	
ave vol/tree					

Table indicates gross volume (not net volume).

GENERAL SALE INFORMATION

METHOD OF CRUISING:

All sales were cruised or estimated by Division of Forestry personnel, by either a variable radius plot method with a 10 BAF or a 20 BAF, or using the percent method. Fuelwood volumes were calculated utilizing U.S. Forest Service Research Note NOR-6, published May 6, 1964 by R.A. Gregory and P.M. Haack. Sawlog volumes were calculated using local white spruce volume tables prepared by Tom Malone of the University of Alaska Fairbanks, Agricultural and Forestry Experiment Station, in 2009.

Cruise summaries are available upon request. The State neither expressly nor implicitly warrants its estimate of quantity or quality, or marketability of the timber sold. Prospective bidders should make their own estimates of timber volume and quality. The State neither expressly nor implicitly warrants its improvements estimates. Estimates are used only to establish minimum bid. Each PURCHASER is required to estimate his own costs and bid accordingly.

Defect was estimated based on visible indicators, and experienced averages in the area.

PRIMARY MANUFACTURE:

Primary manufacture of the timber in Alaska is NOT required.

METHOD OF PAYMENT:

These are "lump-sum" sales. The PURCHASER shall pay the full contract price for the sales, or any payment unit of the sales, before any timber may be cut or removed from the sales. Stumpage payments are non-refundable.

AUTHORITY:

The cutting and removal of timber shall be carried out under the authority of the Alaska Statutes, Title 38, Public Lands, Chapter 05, Alaska Land Act, Article 4, entitled "Disposal of Timber and Materials," and Title 11, Alaska Administrative Code, Chapter 71, Articles 1-5 inclusive, referred to as the "Timber and Material Sales" Regulations.

SALE PROCEDURES-BID DEPOSIT REQUIREMENTS:

All timber sales will be sold by oral outcry auction. Bids will only be accepted for one sale at a time, starting with the lowest NC number. The auction will be on May 3, 2011 at the DNR, and will start promptly at 10:00 am.

To qualify for bidding all bidders must submit:

(1) a deposit of cash, certified check, money order, cashiers check or any combination of these in favor of the State of Alaska, Department of Revenue, equal to ten percent (10%) of the total appraised price. This deposit will constitute an opening bid at the appraised price. The PURCHASER may apply the bid deposit to the timber sale bond. If the high bidder fails to execute the contract within the allotted 30 days the bid deposit will revert to the State. Bid deposits for NC-730-F must be submitted to the selling agent prior to 10:10 a.m. on the date of the auction. There will be a short break between each timber sale to accept bid deposits for the next upcoming sale. **BID DEPOSITS WILL NOT BE ACCEPTED FOR MORE THAN ONE SALE AT A TIME.**

(2) Each bidder must submit to the selling agent a copy of a current, valid Alaska Business License in the name of the bidder, or-

(3) If bidding as an agent for an individual, a partnership, corporation, or other legally established firm, the agent must present a power-of-attorney or other notarized authorization creating such agency to the selling agent. An agent may represent only one principal during each auction and may not also participate in his own behalf.

(4) The apparent successful bidder may be required to furnish a sworn financial statement showing ability to fulfill the terms of the contract.

(5) All of the successful bidder's deposits will be credited to the total amount due to the State for stumpage or bonds.

The deposits furnished by the unsuccessful bidders shall be returned to the unsuccessful bidders. The deposits furnished by the high bidder whose bid was declared acceptable shall be retained as liquidated damages if the high bidder does not execute the contracts and furnish satisfactory bonds within thirty (30) days of receipt of the contract for execution.

If no bid is received at the auction, the sales may, at the discretion of the director, be available over the counter.

RESERVATIONS:

The State reserves the right to waive technical defects in this prospectus and reject any and all high bids. The State reserves the right to

award the timber for the amount of the next high bid to the next high bidder if the director considers the highest bidder unqualified to fulfill the requirements of the contract or if the contract is not executed by the highest bidder. The State also reserves the right to waive any informality in the bids received whenever the waiver is in the best interest of the State.

GENERAL:

Further information, including copies of this prospectus, bid forms, sample contracts, copies of sale appraisal, etc. may be obtained from the Fairbanks Area Office, Division of Forestry, 3700 Airport Way, Fairbanks, Alaska 99709-4613, or contact Jeremy Douse at 907-451-2602.